

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

1727 30th Street MS-43

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SACRAMENTO, CA 95816-8041

FAX (916) 227-6214

www.dot.ca.gov/hq/esc/oe



*Serious Drought.
Help save water!*

November 9, 2015

11-Imp-8-R90.0/R96.8

11-416904

Project ID 1114000006

ACNHPI-008-2(107)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN IMPERIAL COUNTY NEAR WINTERHAVEN FROM 0.7 MILE WEST OF ROUTE 186/8 SEPARATION TO 0.3 MILE EAST OF FOURTH AVENUE OVERCROSSING to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid book*, *Information Handout*, and the Federal Minimum Wages with Modification Number 15 dated 11/6/15.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Wednesday, November 18, 2015.

Project plan sheets 9, 10, 11, 12, 13, 14, 15, 16, 17, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 45, 48, 77, 83, 114, 134, 140, 141, 148, 151, and 153 are replaced and attached for substitution for the like-numbered sheets.

In the *Notice to Bidders*, the seventh paragraph is revised as follows:

"The Contractor must have either a Class A license or one of the following Class C licenses: C-8 or C-12."

In the *Special Provisions*, Section 1-1.01, the first paragraph is replaced as follows:

"

Bid Items and Applicable Sections

Item code	Item description	Applicable section
030321	TEMPORARY RESIDENT ENGINEER'S OFFICE	10
029992	TEMPORARY 8" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	64
029993	ALTERNATIVE MEDIAN CRASH CUSHION SYSTEM	83
029994	6" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 36-12)	84

"

*"Provide a safe, sustainable, integrated and efficient transportation system
to enhance California's economy and livability"*

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In the Special Provisions, Section 2-1.06B, the following paragraph is added to the first paragraph under Information Handout.

- "8. 11-416904 Stockpile Locations
- 9. 11-416904 Areas for Contractor's Use
- 10. 11-416901 Alignments and Profiles."

In the Special Provisions, Section 4-1.07 is added as attached.

In the Special Provisions, Section 10-3, "TEMPORARY RESIDENT ENGINEER'S OFFICE," is added as attached.

In the Special Provisions, Section 12-4.05B, "Chart B5," is added as attached.

In the Special Provisions, Section 12-4.05J4, "Payment," the first paragraph is replaced as follows:

"Providing the roadway service patrol is change order work."

In the Special Provisions, Section 19-2.03A is added as attached.

In the Special Provisions, Section 40-1.01C(8) is added as attached.

In the Special Provisions, Section 40-1.02B(3) is added as attached.

In the Special Provisions, Section 40-1.02B(5) is added as attached.

The *Information Handout* "Stockpile Locations, Areas for Contractor's Use and Alignments and Profiles" are added as attached.

In the *Bid* book, in the "Bid Item List," Items 10, 11, 17, 35, 40, and 42 are replaced.

In the *Bid* book, in the "Bid Item List," Items 92 and 93 are added.

In the *Bid* book, in the "Bid Item List," Items 8 and 91 are deleted.

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To *Bid* book holders:

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the *Notice to Bidders* section of the *Notice to Bidders and Special Provisions*.

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website.

http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html

Inform subcontractors and suppliers as necessary.

This addendum, EBS addendum file, attachments and the modified wage rates are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/11/11-416904

If you are not a *Bid* book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,



LAURIE BERMAN
District Director

Attachments

*"Provide a safe, sustainable, integrated and efficient transportation system
to enhance California's economy and livability"*

Replace the 1st paragraph in section 4-1.07A with:

A committee has been established by the Department to review value engineering change proposals.

The committee is composed of civil engineers registered in the state..

Replace the 2nd paragraph in section 4-1.07B with:

Before preparing the VECP, meet with the Engineer and if you request, meet with the Committee to discuss:

1. Proposal concept
2. Permit issues
3. Impact on other projects
4. Project impacts, including traffic, schedule, and later stages
5. Peer reviews
6. Overall proposals merit
7. Review times required by the Department and other agencies
8. Overall construction duration
9. Overall reduction in project risks

Replace "Reserved" in section 10-3 with:
10-3 TEMPORARY RESIDENT ENGINEER'S OFFICE

10-3.01 GENERAL

10-3.01A Governing Laws

Comply with applicable federal, state, county, municipal and local utility laws, rules, and regulations for temporary facilities. Nothing in these contract documents may be construed to permit work not conforming to such codes and regulations.

10-3.01B Lease or Rental of Space Agreement

Not used.

10-3.01C Preparation of Site

Provide the RE office for the duration of the project and locate the RE office within the project limits. Install and maintain a weatherproof RE office at a location approved by the Engineer. The RE office will remain on-site until released by the Engineer.

10-3.01D Drawings, Data, and Schedule of Values

Within 10 days after contract approval, submit drawings and data to describe details of the RE office. Provide a schedule of values of the RE office as required by this section. The Engineer will review and either approve or reject the drawings and data within 5 days. If rejected, complete the subsequent submittal and review, each within 2 days. The drawings and data, and the schedule of values as required by this section will be approved within 15 days of contract approval. Upon approval of the drawings, data, and schedule of values, deliver, set up, and install the RE office within 20 days of contract approval.

Consult with the Engineer prior to preparing the drawings and data submittals. The drawings and data submittals consist of at minimum the following:

1. Data that completely describes the equipment, machines, and furnishings.
2. Location of RE office, layout of office space and conference room, and manufacturer, model number, and description of the RE office. The drawings must include layouts for lighting, parking, entrances, listing of all furnishings and equipment, locations of electrical receptacles, and a delivery schedule for the facilities.

10-3.01E Utility Connections

Provide utility connections for heating and cooling, electrical power, and telephone lines as specified in this section for the RE office. Connect and maintain electricity and telephones, and provide water, sewage disposal, propane, and a dial-up internet connection for all computers. Electrical service equipment must be rated 100A minimum to provide power for all electrical equipment within and on the trailer. Comply with all requirements of "Utility Connections" of these special provisions regarding arrangements, permits, licenses, charges, fees and costs for temporary utility connections and extensions.

Provide a weatherhead and raceway for service conductors used for overhead electrical service, and a combination service entrance panel mounted on the exterior of the office to supply all the loads within and on the office. The combination service panel must include a location for the meter, a main disconnect switch and a distribution panelboard.

Provide a weatherhead and raceway for overhead telephone service to a demarcation box mounted on the exterior of the trailer to connect to phone lines inside. The demarcation box must be composed of a metal enclosure with insulated backboard. Pay connection and monthly utility charges and do not disconnect utilities without 7-day advance notification to the Engineer.

Make all arrangements, and obtain all permits and licenses required for the extension of and connection to each utility service applicable to this project, furnish all labor and materials necessary for such extensions which are not performed or provided by the utility, and furnish and install any intermediate equipment required by the serving utilities.

10-3.01F Structure

Provide the RE office with a minimum ceiling height of 7.5 feet and a minimum 160 square feet of floor space, screened weatherproof windows with window treatment, and lockable doors with at least four sets of keys. Distribute four sets of keys to the Engineer. Equip each window with interior shades, curtains or blinds, with a minimum area of 8 square feet, and with ability to open and close to provide adequate ventilation.

Provide the RE office with at least 2 personal office spaces, . Raised entrances, at least 3 feet wide, and all exits, except for the ramp exit, must have stairs. Provide a landing of minimum 3 feet by 3 feet in dimension at each doorway with integral railings with steps or ramp. Tie down the RE office to prevent damage or overturning. Securely support the tie-down with adequate blocking to provide a foundation and to prevent settlement. Provide a photocell and motion-sensor activated exterior light at each entrance. Install and maintain an electronic security system that will respond to any breach of exterior doors and windows with an on-site alarm.

10-3.01G Temporary Sanitary Facilities

Provide adequate toilet conveniences, washing facilities, and drinking water for the use of Department employees. Drinking water must be potable, and drinking water facilities must be clean and sanitary. Refill when tank is down to 1/4 full. Provide self-contained water storage tank with fresh, potable water as required. Conform work to the California Plumbing Code, California Code of Regulations, Title 24, Part 5.

Office sewage must be self-contained in a holding tank. Empty and clean the holding tank once every three days.

The rest room must contain suitable on-site sanitary facilities meeting all Federal, State, and local health department requirements, must be maintained clean and sanitary, and in good working condition. Stock the rest room with lavatory and sanitary supplies at all times during the contract period. The rest room must have a toilet, lavatory with hot and cold water, toilet paper holder, paper towel dispenser and paper toweling, mirror, soap dispenser, lighting, and mechanical ventilation. At completion of the work, disinfect all sanitary facilities.

10-3.01H Equipment and Furnishings

Provide equipment and furnishings in good working condition for the office as follows:

1. Two desks with minimum working surface 42 x 30 inches each and three non-folding chairs with upholstered seats and backs and on rollers.
2. One desk with minimum working surface 42 x 30 inches with height adjustment of 23 to 30 inches for computer use.
3. Same number of phones as desks. One phone at minimum will have a speakerphone and answering machine.
4. One plan rack capable of holding full-size drawings.
5. One bookcase with the following minimum dimensions: 4 feet in width, 6 feet in height, and 1 foot in depth. Anchor the units to a wall in order to prevent overturning.

6. One 8 cubic foot, minimum, refrigerator with a freezer unit.
7. One microwave oven (700 watt minimum).
8. Two wastebaskets large enough for weekly pick-up service.
9. One whiteboard, erasable felt marker type, 30 by 48 inches, minimum size.
10. One metal filing cabinet, five drawer legal size, minimum 27 inches deep, with enamel finish.
11. Place at least one fire extinguisher with a minimum underwriter's laboratory rating of 4A60BC in an easily accessible location, as approved by the Engineer.

Provide communication equipment and office machines in good working condition as follows:

1. Furnish electrical equipment with surge protection.
2. One facsimile machine, plain-paper type with paper.
3. One dry process photocopying machine with 11 by 17 inch copy features capable of reproducing prints from nontransparent master sheets, as black or blue lines on white paper, with reproduction paper, activating agent, and power source.

Apply a prime coat and two coats of white enamel paint to interior walls and ceilings unless otherwise approved. Furnishings may be of manufacturer's standard color or be painted as specified for walls and ceilings. Conform the materials used in construction of temporary facilities in accordance with applicable building codes. No materials must be used that give off noxious chemical odors such as formaldehyde or chlorine.

10-3.01I Enclosure

Provide security chain link fencing to establish the RE office enclosure. Security chain link fencing must be a minimum 6 feet high, with one drive-through gate. The gate must be a minimum of 12 feet wide and 6 feet high, with one walk-through gate, a minimum 4 feet wide, and locks with four sets of keys. Set the gates at easily accessible locations, as approved by the Engineer. Place aggregate base type 2 to completely cover the parking area. Place the fence at least 40 feet from the office front where entrances are located and at least 10 feet from the other sides of the RE office. The fenced area enclosure must provide for parking up to ten vehicles with sufficient space for turnaround within the parking facility when parked vehicles are present.

10-3.01J Heating and Lighting

Size the heating to provide a minimum 70 degree Fahrenheit inside temperature at the 2 1/2 percentile design temperature. Provide a distribution system sufficient for uniform heating. Provide mechanical-type ventilation, sufficient for comfort during the change between heating and cooling seasons. The air-conditioning system must be sufficient to provide a 76 degree Fahrenheit inside temperature at the 2 1/2 percentile design temperature. Provide electrical energy for power and lighting. Electric lighting, with non-glare luminaires, must provide a minimum of 75 foot-candles of illumination at desk height level. Provide each room with a minimum of two duplex outlets. Connect and disconnect utilities in accordance with local codes and industry standards.

10-3.01K Maintenance

Maintain adequate operation and supplies of all equipment in the office, including the facsimile machine, the photocopying machine, the microwave oven, the refrigerator, and the generator providing back-up electrical power. Furnish bottled drinking water with a dispenser capable of delivering hot and cold water. Supply landscape maintenance once per month, as approved by the Engineer, and janitorial service once every three working days for the duration of the project, including cleanup, trash removal, and supply of paper towels, toilet paper, and soap.

The RE office, including furnishings and utility connections, must be removed and will become the Contractor's property within 30 days after project completion, except removal of the RE office, or when otherwise released by the Engineer. After removal of the RE office, restore the site to its original or an improved condition, including finish grading to smooth and properly draining contours. Clean the site of all trash, recyclables, and green waste. Notify the Engineer at least 7 days in advance of the start of removal of the RE office. Acceptance of the contract will be made after removal of the RE office and restoration of the facilities site to their original or to an improved condition.

10-3.01L Schedule of values

Include a schedule of costs prior to installation of the RE office which itemizes the contract item price for "RE office". Use the line items provided in this section as the basis for applying values for the schedule of values and be responsible for the accuracy of the values used in the schedule of values. Partial payment for this contract item will not be made until the RE office schedule of values is approved by the Engineer. Line items indicated in the schedule of values in this section with a specified estimated quantity are minimum requirements. Incorporate minimum requirements with Contractor designated values into the schedule of values for line items indicated in the schedule of values. The sum of values for the line items of work listed in the schedule of values must be equal to the contract lump sum price bid for "RE office". Include overhead and profit in the individual line items listed in the schedule of values.

RE OFFICE SCHEDULE OF VALUES

Contract no. 11-416904				
Unit description	Unit	Estimated quantity	Value	Amount
Lease or Rental of Space Agreement	LS			
Preparation of Site	LS			
Drawings, Data, and Schedule of Values	LS			
Utility Connections	LS			
Structure	LS			
Temporary Sanitary Facilities	LS			
Equipment and Furnishings	LS			
Enclosure	LS			
Heating and Lighting	LS			
Maintenance	LS			
Office Release and Removal	LS			

Total _____

The approved schedule of values will be used to determine partial payments during the progress of the work and as the basis for calculating the adjustment in compensation for the item of "RE office" due to increases or decreases of work required by this section as ordered by the Engineer. When an ordered change increases or decreases the work involved in an approved schedule of values item, the adjustment in compensation will be determined in the same manner specified for increases and decreases in the quantity of a contract item of work in conformance with the provisions in Section 9-1.06, "Changed Quantity Payment Adjustments," of the Standard Specifications. If an ordered change requires a new item which is not on the approved schedule of values, the adjustment in compensation will be determined in the same manner specified for extra work in conformance with Section 9-1.04, "Force Account," of the Standard Specifications.

CONTRACT NO. 11-416904
ADDED PER ADDENDUM NO. 1 DATED NOVEMBER 9, 2014

10-3.01M Payment

The costs incurred by the Contractor for the extensions of utilities beyond the limits of the RE office enclosure, as defined in this section, and in furnishing and installing any intermediate equipment required by the serving utilities, will be paid for as extra work as provided in Section 9-1.04, "Force Account," of the Standard Specifications.

The Engineer makes an adjustment in compensation in conformance with the provisions in Section 9-1.15, "Work-Character Changes," of the Standard Specifications for any additional work required to meet requirements of a lease or rental of space agreement.

No adjustment in compensation will be made for ordered changes to correct work resulting from the Contractor's own activities or negligence.

Any extraordinary damage to the RE office attributed to State activities during the course of the project will be repaired by the Contractor and compensated as extra work in accordance with Section 9-1.04, "Force Account," of the Standard Specifications. No extra payment will be made for systems and equipment maintenance or supplies, repairs or replacement, or for damages incurred as a result of vandalism, theft, or other criminal activities.

Chart no. B5 Freeway/Expressway Lane Requirements																									
County: IMP										Route/Direction: 8/EB/WB										PM: R83.10 – R90.00					
Closure limits: 0.72 Mi. west of Ogilby Rd. OC to 0.74 Mi. west of Jct. Rte. 186																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Fri	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Sat	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Sun	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
<p>Legend:</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">S</div> No lane closure allowed, shoulder may be closed </div>																									
<p>REMARKS:</p> <p>This chart shall be used for delivery of stockpile material only. Maximum length of shoulder closure shall not exceed half mile.</p>																									

Add to Section 19-2.03A:

From the removed PCC, CTB and AC, process 6,000 CY of aggregate base class 2. Processed Class 2 AB must be stockpiled as shown on the plans. Class 2 AB must meet the requirements in section 26, except sections 26-1.3B, 26-1.03C, 26-1.03D do not apply.

Removed PCC, CTB, and AC not used as a source for other materials in the project must be crushed and processed into embankment material. Processed materials must be stockpiled as shown on the plans. Processed material must meet the following gradation requirements when tested under California Test 202:

Gradation		
Sieve size	Operating range	Contract compliance
3/4"	100	87-100
1/2"	-	-
3/8"	-	-
No. 4	30-60	25-65
No. 200	2-10	0-15

If the processed into embankment material gradation does not comply with contract compliance requirements, re-processed the embankment material to meet gradation or request a payment deduction. If your request is authorized, \$2.00/cu yd is deducted from the roadway excavation.

The relative compaction in section 19-5 does not apply to processed embankment material stockpiles.

Stockpile areas must be clear of weeds, grass, and debris.

Replace reserved section 40-1.01C(8) with:

40-1.01C(8) Reclaimed Concrete Aggregate Working plan

Submit a Reclaimed Concrete Aggregate (RCA) working plan to the Engineer at least 45 days prior to demolition of existing concrete to be used for RCA. Allow 20 days for review. RCA working plan must include:

1. Procedures to be used for demolition, process, preparation of aggregate, mixing and placement of concrete with RCA
2. QC plan including the tests and their frequency
3. Provisions and contingency plan for maintaining consistent properties, including Specific Gravity, moisture content, and absorption within the specified limits
4. Provisions and methods of excluding deleterious material including but not limited to Asphalt overlay and Spall repair materials
5. Provisions to mitigate any materials related distress observed in the existing pavement

Submit the results of RCA testing with your mix design and during production. Your mix design must include the percent of RCA, if used.

Submit the stockpile moisture readings three times a day during production.

Add to section 40-1.02B(3):

Coarse aggregate must consist of gravel, crushed gravel, crushed rock, reclaimed aggregate, crushed air-cooled iron blast furnace slag, RCA, or a combination of these.

Coarse aggregate may have a maximum of 20% by weight of RCA. The source of RCA must be from the existing concrete pavement within the approved construction area of this project.

Replace reserved section 40-1.02B(5) with:

40-1.02B(5) Reclaimed Concrete Aggregate

Process the pavement to remove steel, soil and other contaminant material from concrete. Use necessary crushing, screening, washing and beneficiation methods to remove all fines, organic impurities, and dust and produce coarse aggregate with consistent quality and properties.

Process RCA to prepare coarse aggregate that meets gradation specified in section 90-1.02C(4)(b) except RCA must have less than 3 percent passing No. 4 sieve.

Perform the following tests on RCA prior to mix qualification and every 6,000 Tons of RCA production thereafter using AMRL or a Caltrans certified lab.

RCA Testing

Test	
LA Abrasion	California Test 211
Cleanness Value	California Test 227
Flat and Elongated	ASTM D4791
Chloride Content	California Test 404
Soundness	California Test 214
Specific Gravity	ASTM D1475
Deleterious Substances	ASTM C295/C295M
Absorption	California Test 206 and 207

Do not use RCA as a source for fine aggregate.

Maintain RCA moisture above SSD for a minimum of 12 hours before batching.

BID ITEM LIST
11-416904

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
2	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
3	090100	TIME-RELATED OVERHEAD (WDAY)	WDAY	365		
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
5	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
6	120120	TYPE III BARRICADE	EA	39		
7	120199	TRAFFIC PLASTIC DRUM	EA	390		
8	BLANK					
9	128651	PORTABLE CHANGEABLE MESSAGE SIGN (EA)	EA	12		
10	129000	TEMPORARY RAILING (TYPE K)	LF	104,000		
11	129100	TEMPORARY CRASH CUSHION MODULE	EA	490		
12	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
13	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
14	130330	STORM WATER ANNUAL REPORT	EA	3	2,000.00	6,000.00
15	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	39		
16	130640	TEMPORARY FIBER ROLL	LF	70,200		
17	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	12		
18	130730	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
19	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
20	141101	REMOVE YELLOW PAINTED TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	8,570		

BID ITEM LIST
11-416904

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	141120	TREATED WOOD WASTE	LB	17,700		
22	150310	RAPID SETTING CONCRETE (PATCH)	CF	6		
23	150661	REMOVE GUARDRAIL	LF	1,770		
24	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	208,000		
25	150768	REMOVE ASPHALT CONCRETE PAVEMENT (CY)	CY	9,050		
26	150814	REMOVE DOWNDRAIN (EA)	EA	13		
27	150859	REMOVE ASPHALT CONCRETE OVERSIDE DRAIN	EA	8		
28	152320	RESET ROADSIDE SIGN	EA	130		
29	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	980		
30	153223	REMOVE UNSOUND CONCRETE	CF	6		
31	155231	CULVERT SLURRY-CEMENT BACKFILL	CY	120		
32	156576	REMOVE METAL RAILING	LF	130		
33	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
34	180106	DUST PALLIATIVE	LS	LUMP SUM	LUMP SUM	
35	190101	ROADWAY EXCAVATION	CY	181,000		
36	250401	CLASS 4 AGGREGATE SUBBASE	CY	390		
37	260203	CLASS 2 AGGREGATE BASE (CY)	CY	33,900		
38	280000	LEAN CONCRETE BASE	CY	1,080		
39	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TON	7		
40	390132	HOT MIX ASPHALT (TYPE A)	TON	79,900		

BID ITEM LIST

11-416904

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	390136	MINOR HOT MIX ASPHALT	TON	740		
42	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	4,280		
43	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	130		
44	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	19,500		
45	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	88		
46	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	110		
47	397005	TACK COAT	TON	11		
48	400050	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	CY	90,000		
49	401083	SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT, GROUND-IN INDENTATIONS)	STA	1,340		
50	414202	JOINT SEAL (PREFORMED COMPRESSION)	LF	141,000		
51	510081	AGGREGATE BASE (APPROACH SLAB)	CY	70		
52	510087	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	CY	687		
53 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	12		
54	510800	PAVING NOTCH EXTENSION	CF	185		
55	519081	JOINT SEAL (MR 1/2")	LF	250		
56	519091	JOINT SEAL (MR 1 1/2")	LF	172		
57	519100	JOINT SEAL (MR 2")	LF	450		
58	519101	JOINT SEAL (TYPE A)	LF	440		
59	029992	TEMPORARY 8" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	1,390		
60	690112	12" CORRUGATED STEEL PIPE DOWNDRAIN (.079" THICK)	LF	400		

BID ITEM LIST
11-416904

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	846009	8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	4,780		
82	029994	6" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 36-12)	LF	71,900		
83	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	13,100		
84	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	11,600		
85	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
86	860401	LIGHTING	LS	LUMP SUM	LUMP SUM	
87	860551	LIGHTING AND SIGN ILLUMINATION (LOCATION 1)	LS	LUMP SUM	LUMP SUM	
88	860552	LIGHTING AND SIGN ILLUMINATION (LOCATION 2)	LS	LUMP SUM	LUMP SUM	
89	860931	TRAFFIC MONITORING STATION (LOCATION 1)	LS	LUMP SUM	LUMP SUM	
90	860932	TRAFFIC MONITORING STATION (LOCATION 2)	LS	LUMP SUM	LUMP SUM	
91	BLANK					
92	030321	TEMPORARY RESIDENT ENGINEER'S OFFICE	LS	LUMP SUM	LUMP SUM	
93	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
